



WIRELESS SUB EXTENDERS

W-TX / W-RX

User Manual



This manual pertains to the following products

- W-TX
- W-RX

INCLUDED IN BOX:

- (1) W-RX or W-TX
- (1) 5.9V DC Adapter
- (1) Mounting Bracket
- (1) Quick User Guide

FEATURES:

• **Connection Reliability:** The W-TX and W-RX utilize a sophisticated frequency hopping algorithm at 5.8 GHz and dual antenna diversity for best in class reliability. These devices will never interfere with ZigBee, Z-Wave, Bluetooth, WiFi, or other wireless protocols in the crowded 2.4GHz channel.

• **Easy One-Time Pairing:** Pairing is as easy as plugging in and pressing a button. Once paired, the devices will stay paired even if the power goes out.

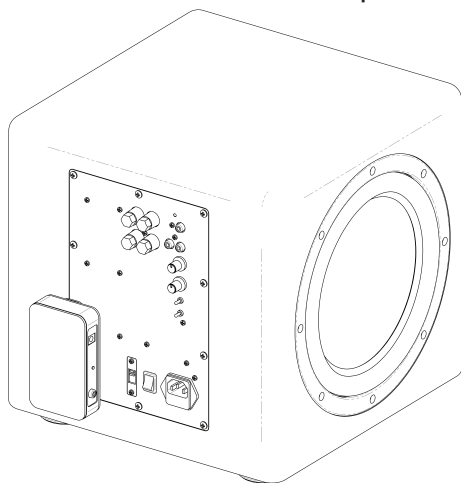
Versatile Mounting: The included mounting bracket is designed to mount to the back of a sub, wall, or other surface mount. The versatile hole pattern allows for a wide range of installation scenarios.

• **Pairs with SLIM-PWR44:** The W-RX receiver pairs seamlessly with the built in wireless sub transmitter in the SLIM-PWR44 for even more bass.



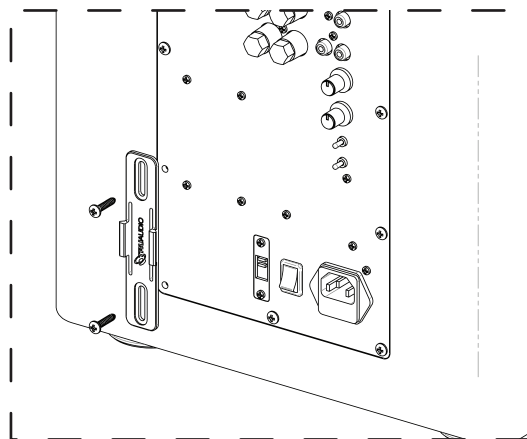
MOUNTING TO SUBWOOFER:

Each W-TX and W-RX comes with an included bracket for mounting to a sub, flat surface, or other installation scenarios. Follow these steps to install a receiver to the back of a sub.



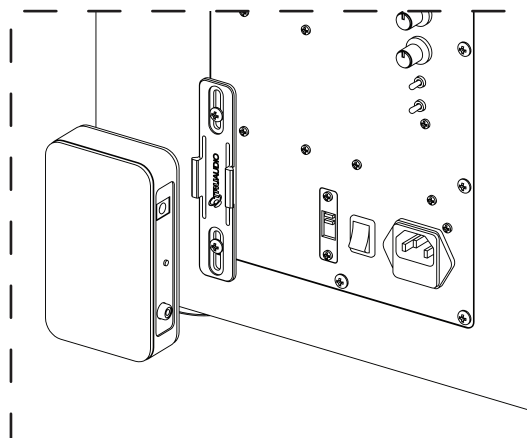
Step 1:

Remove two screws that mount the sub amp to the cabinet. Install the bracket by inserting the screws through bracket and back into the original holes. The W-RX bracket has slots that will work with a wide range of hole patterns. We recommend you use two screws in near a corner away from the electrical components. For most TruAudio subs this will be in the lower left corner, your install may vary..



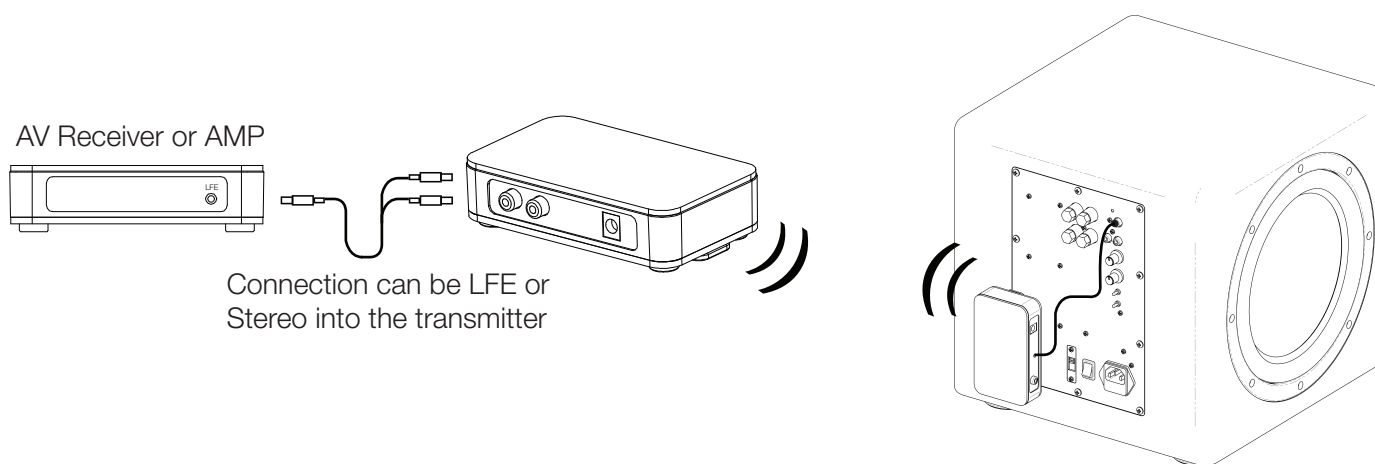
Step 2:

Attach the W-RX to the bracket with a firm press. The unit will snap into place. Use an RCA cable and the provided power cable to complete the install.



CONNECTING:

For best results use high quality, low impedance, shielded RCA connectors. For stereo inputs connect to the RCA Audio In jack. This can be connected to line level outputs on a source device such as a TV or AV receiver. When connecting a LFE or mono source, use the R channel of the Audio In RCA jack. For some subwoofers, you can use a Y connector to connect a LFE/mono sub out to both the L and R channels of the RCA input to get more volume. Refer to the diagram below for the system connections.



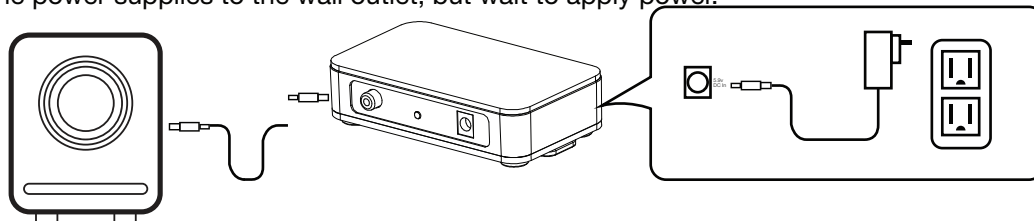
WIRELESS RANGE:

The line of sight range for these devices are a 150 ft. Meaning in an open environment without obstacles in-between, the transmitter and receiver will work at distances of 150 ft. A worst case scenario indoors you may only see around 50 ft of range. In our real world testing we have found these devices to work solidly at 75 ft. The range of your install will vary based on environment, but you should be able to see a typical range between 50 ft and 75 ft for most indoor applications.

PAIRING INSTRUCTIONS:

For pairing with the W-TX:

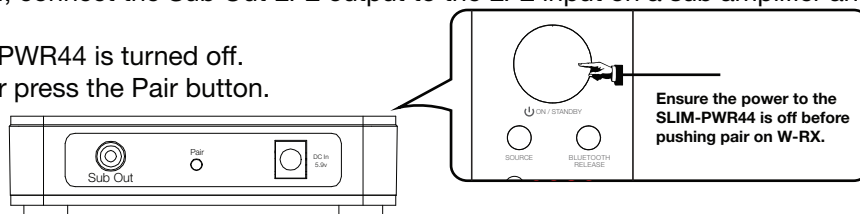
1. On the W-RX receiver, connect the Sub Out output to the LFE/mono input on a sub amplifier.
2. On the W-TX transmitter, connect an audio source to the Audio In RCA jack. For LFE/mono signals use the L channel of the RCA jack.
3. Plug in the power supplies to the wall outlet, but wait to apply power.



4. On the W-RX receiver, power the device by applying the 5.9v DC In.
5. Press the Pair button on the W-RX.
6. Within 10 seconds of pressing pair on the receiver, power on the W-TX transmitter by applying the 5.9v DC In. Note: During the boot up process, the W-TX searches for the W-RX in pair mode and connects automatically.
7. The LED indicator light will flash while not connected. Once the LED stops flashing and turns solid then the connection is complete.
8. If the pairing fails, step through the trouble shooting steps of this guide.

Pairing with SLIM-PWR44:

1. On the W-RX receiver, connect the Sub Out LFE output to the LFE input on a sub amplifier and apply power.
2. Make sure the SLIM-PWR44 is turned off.
3. On the W-RX receiver press the Pair button.

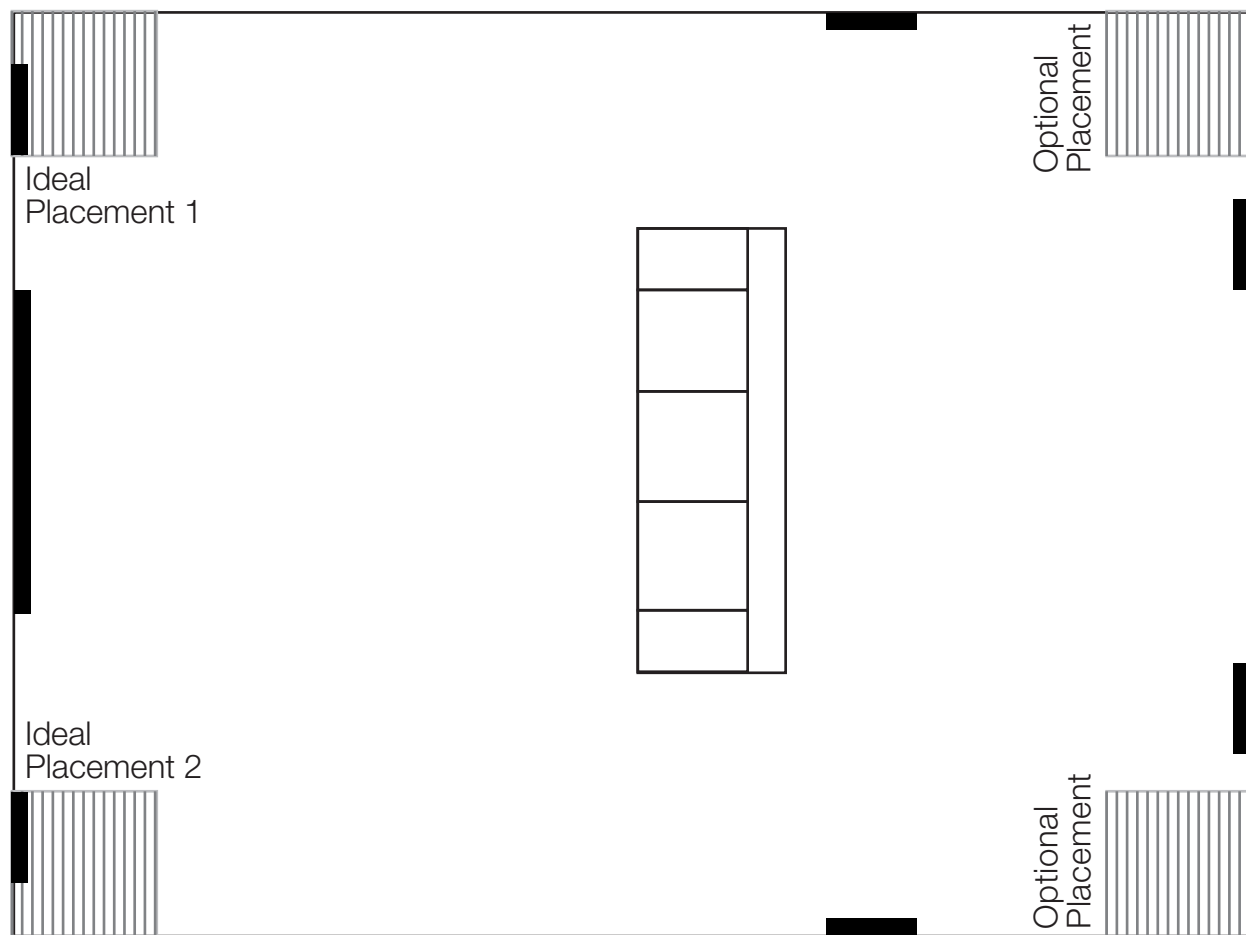


4. Within 10 seconds, turn on the SLIM-PWR44. Note: During the boot up process, the SLIM-PWR44 searches for the W-RX in pair mode and connects automatically.
5. The LED status indicator on the W-RX will blink for several seconds while connecting and then show solid green when connected.
6. If first attempt to connect fails, verify that the Wireless Sub Pair button on the SLM-PWR44 is toggled to the ON position. The button is located on the rear panel of the SLM-PWR44 just above the IR input. To toggle to the ON position, the SLM-PWR44 must be powered and OFF, press the Wireless Sub Pair button once and then repeat the above instructions.
7. If connection fails, step through the trouble shooting steps of this guide.



SUBWOOFER PLACEMENT:

Subwoofer placement can vary greatly depending on the acoustics of a room and the listening positions. As a general guideline the corner of a room will produce the most bass. We recommend choosing the corner closest to the speakers in which the sub will be paired with. For example, if the sub will be paired with the front speakers, place the sub in a front corner. If the sub will be paired with a rear set of speakers, place the sub in a rear corner. Once the wireless kit is installed, it is recommended to listen to the sub in the main listening position to find the ideal placement. Move the sub around about 12" at a time, all the while checking the response in the main listening position. Do this until the desired response is achieved.





TROUBLESHOOTING:

If device fails to connect, first check power connection to ensure each device is powered. The status LED indicator should be blinking if powered on and not connected, solid color if connected. Verify the distance from the transmitter to the receiver. In a typical room the transmitter should be able to transmit to a receiver at a distance up to 50ft (15m).

Walls, furniture, metal racks, or other objects will interfere with the wireless signal transmission path. Shorten the distance between the transmitter and receiver to verify full functionality. If the devices can pair at the shortened distance, then the placement of the receiver is either too far from the transmitter or there are too many objects obstructing the wireless signal path. You can solve this by finding a closer placement for the receiver or one that is less obstructed.

Specifications	
Operating Frequency:	5.8 GHz
Latency:	16 ms
Supply Voltage:	110 - 240V
Typical Range - Line of Sight:	150 ft (50 m)
Typical Indoor Range:	50 ft (15m)
Audio Sampling:	16 bit, 48khz
Audio Freq Range:	18Hz - 22kHz
Dimensions (WxDxH)	4.5" (115mm) W 2.9" (73mm) D 1.1" (29mm) H

SoundVision Technologies dba TRUAUDIO

PRODUCT WARRANTY

All in-wall, in-ceiling, outdoor speakers, volume controls and freestanding loudspeakers have a limited lifetime warranty. This warranty includes lifetime parts and repair labor on all components. Powered subwoofers and active electronics have a two (2) year limited warranty. This warranty includes two (2) year parts and repair labor on all components. TRUAUDIO's obligation under these warranties is limited to repairing or replacing any component found defective in material or workmanship under normal conditions of use. These warranties shall not apply to products which have been abused, modified, disassembled, or repaired by anyone other than TRUAUDIO or one of its appointed service centers. Products to be repaired under this warranty must be returned to the factory or designated service center with all transportation and insurance charges pre-paid.

It is the policy of TRUAUDIO to continuously incorporate improvements into our products. All specifications are subject to change without notice. If you have any questions regarding this or any other TRUAUDIO products, please visit www.TruAudio.com or contact us:

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